



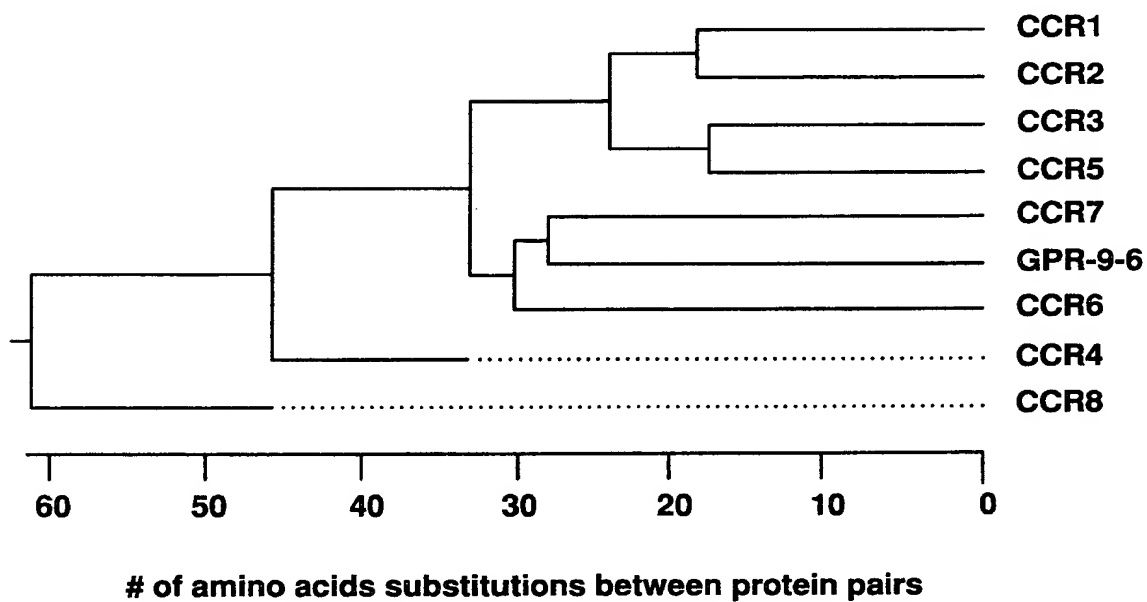
Application No.: 09/522,752

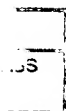
Title: Anti-GPR-9-6 Antibodies and Methods...

Inventors: David P. Andrew *et al.*

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FIG. 1



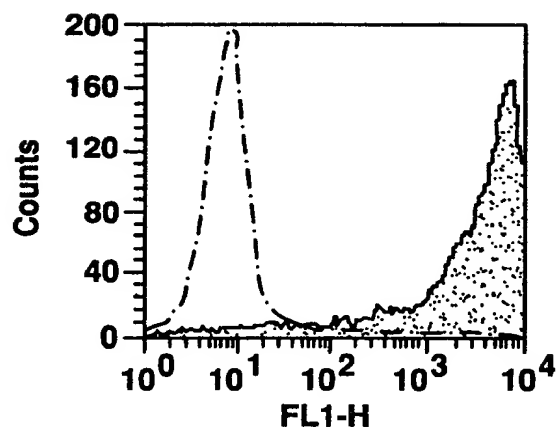


Application No.: 09/522,752

Title: Anti-GPR-9-6 Antibodies and Metabolites...

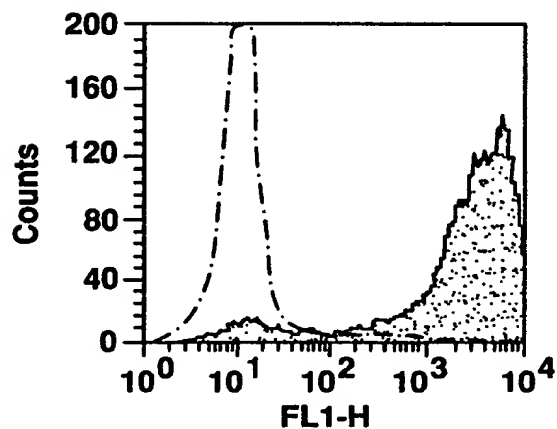
Inventors: David P. Andrew *et al.*

FIG. 2A



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FIG. 2B





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FIG. 3C

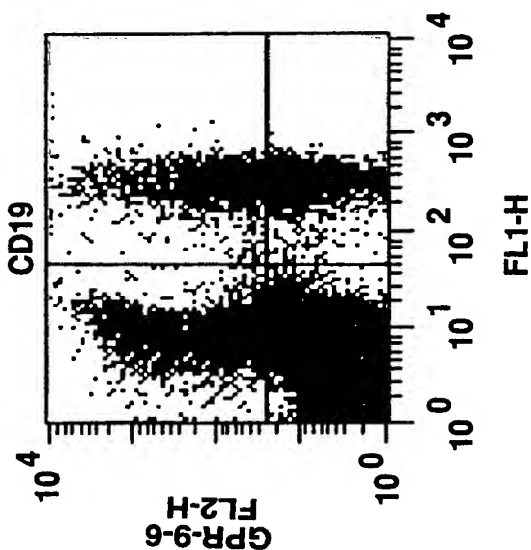


FIG. 3F

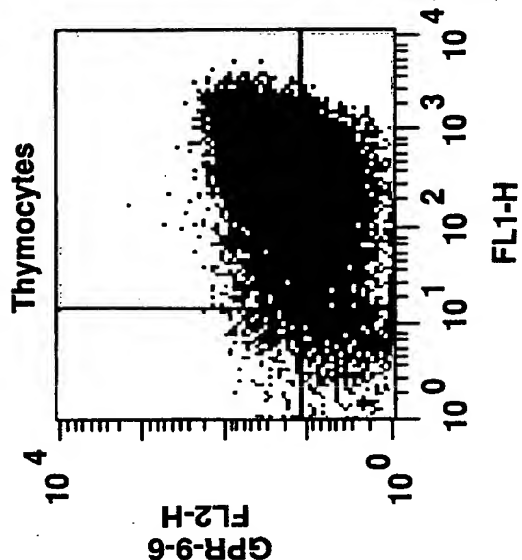


FIG. 3B

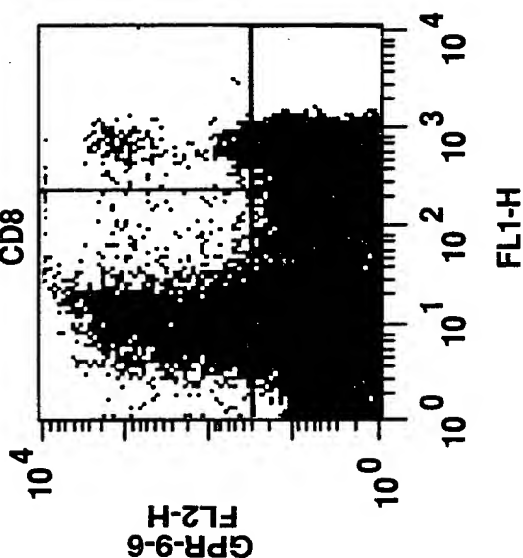


FIG. 3E

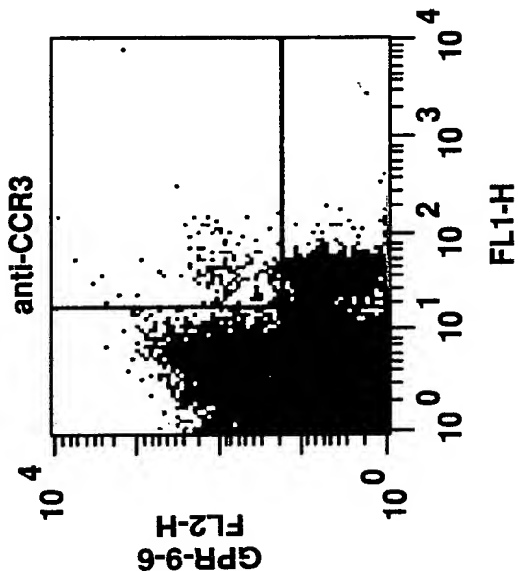


FIG. 3A

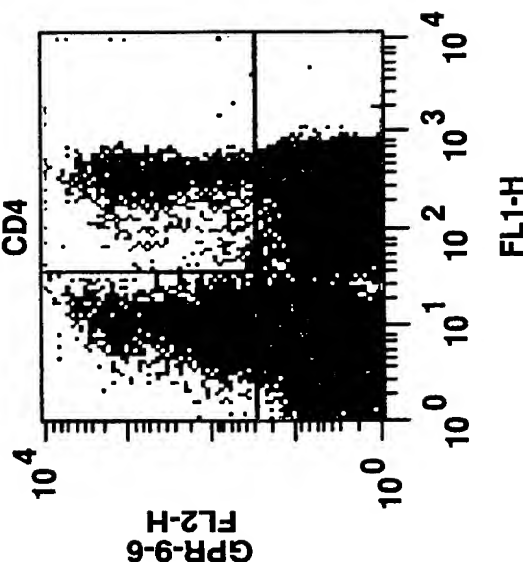
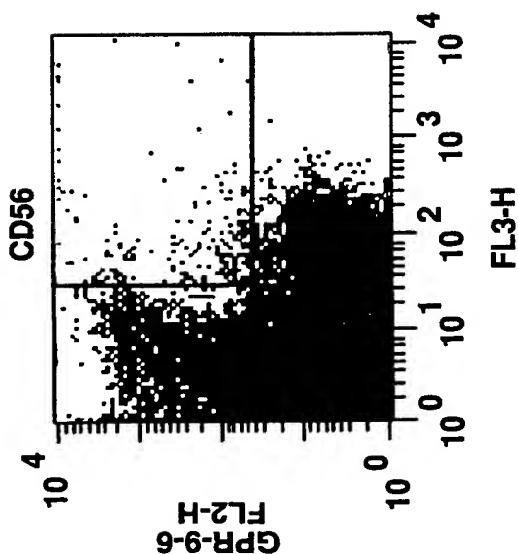
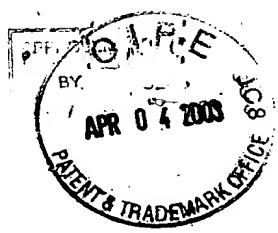


FIG. 3D

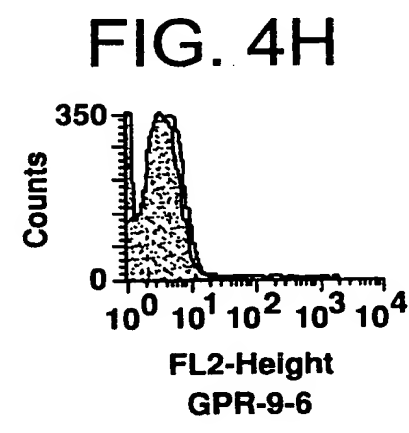
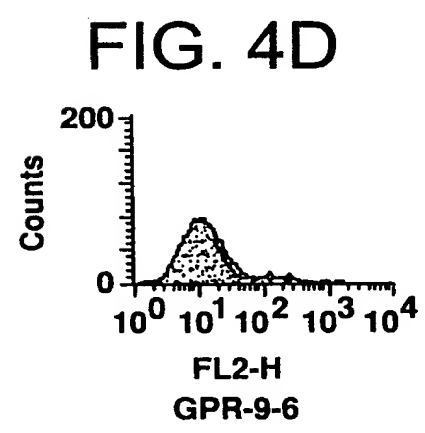
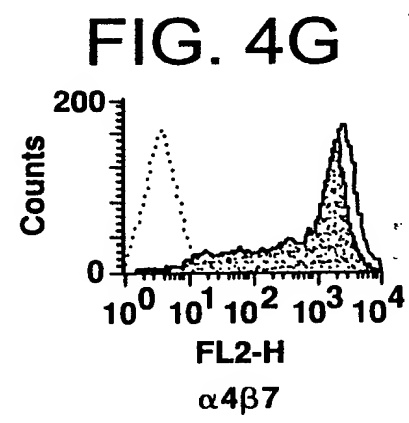
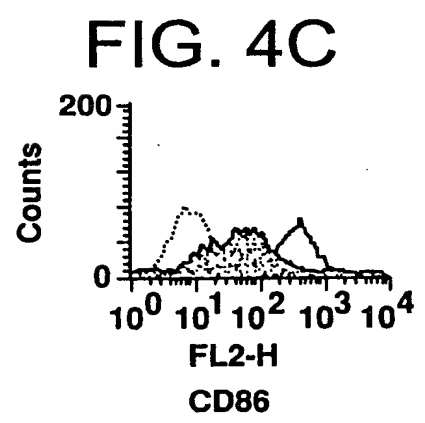
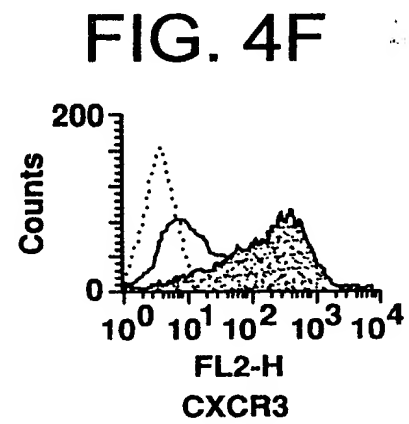
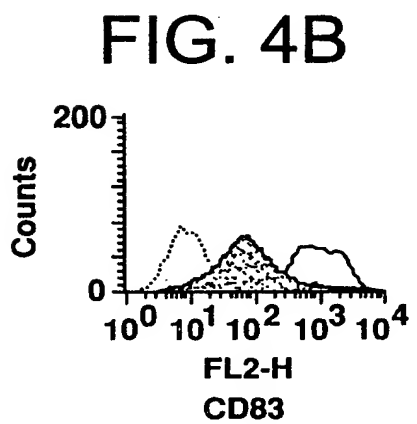
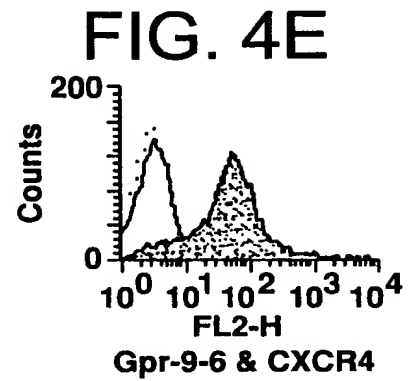
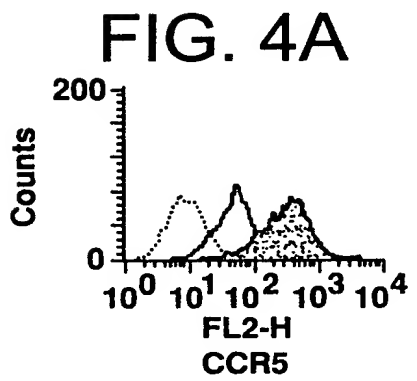




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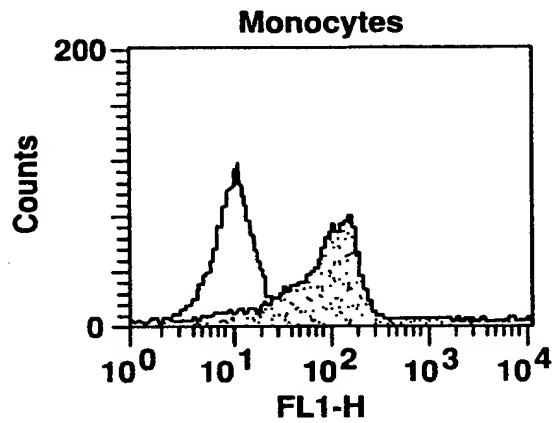
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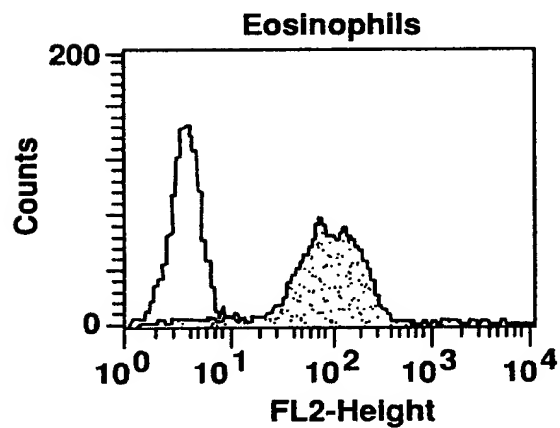


Application No.: 09/522,752  
Title: Anti-GPR-9-6 Antibodies and Methods  
Inventors: David P. Andrew *et al.*

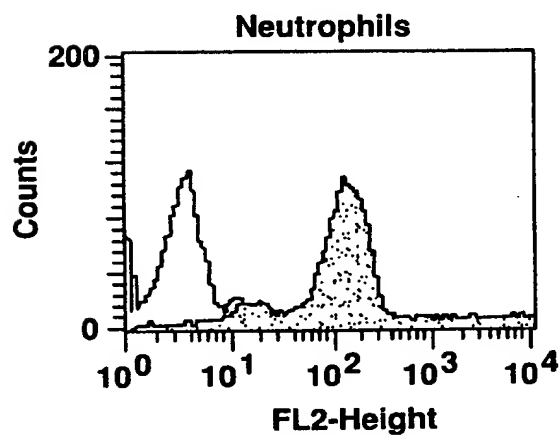
**FIG. 3G**



**FIG. 3H**



**FIG. 3I**



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FIG. 5A

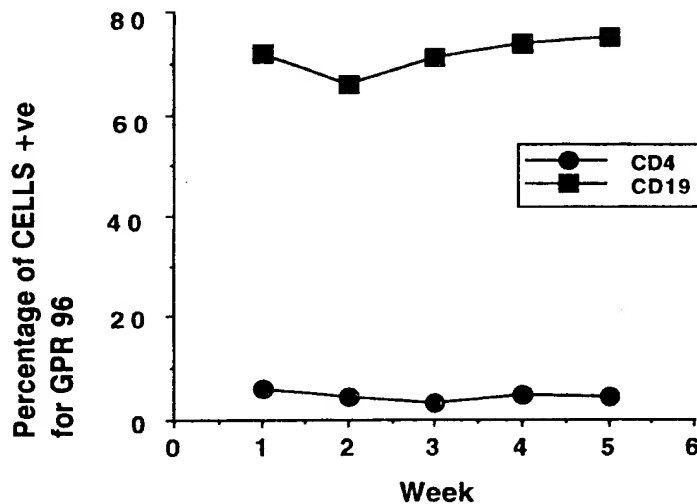


FIG. 5B

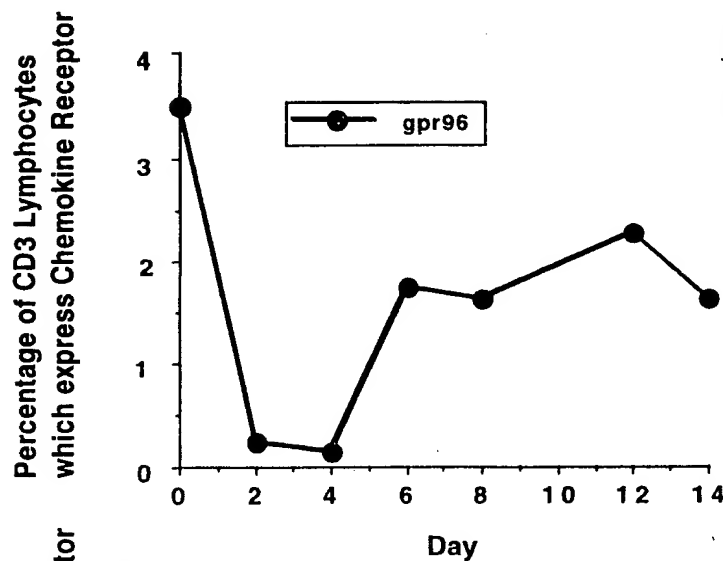
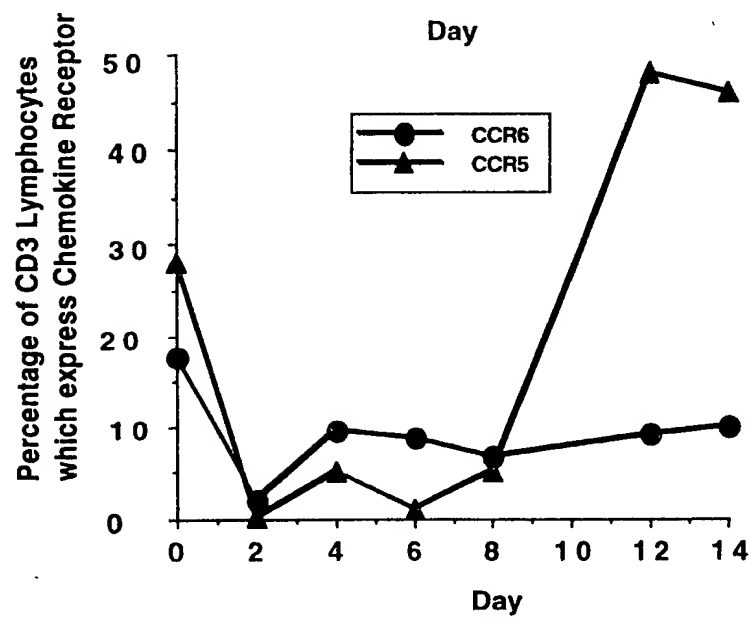


FIG. 5C



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FIG. 6A

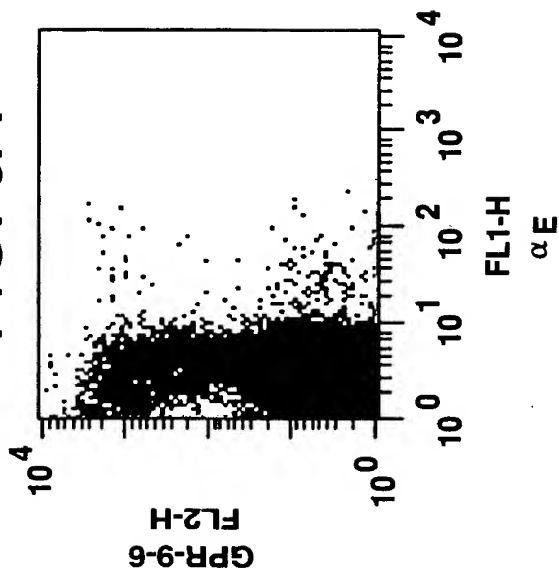


FIG. 6B

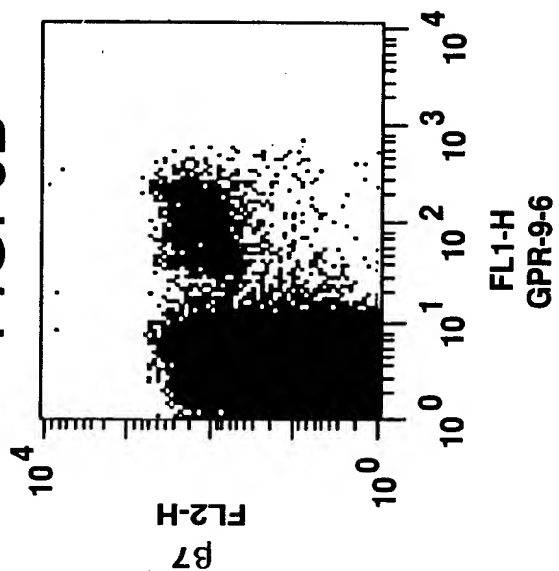


FIG. 6C

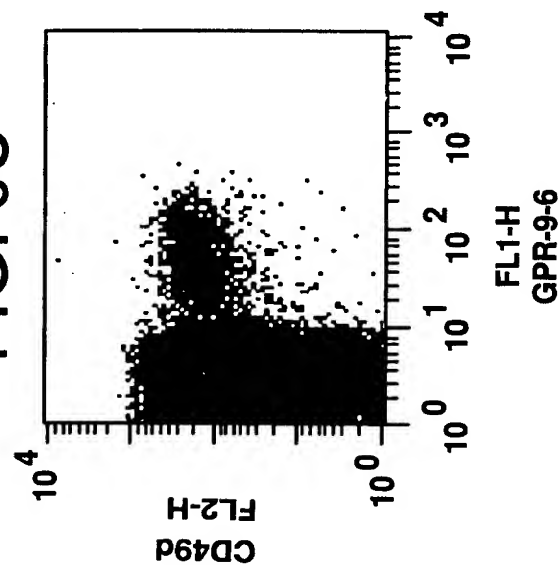


FIG. 6D

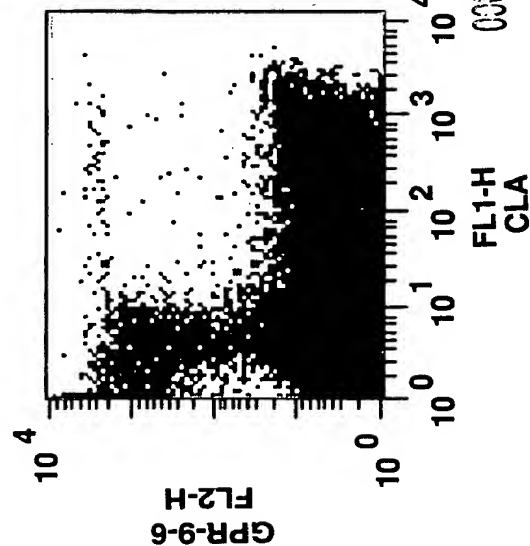


FIG. 6E

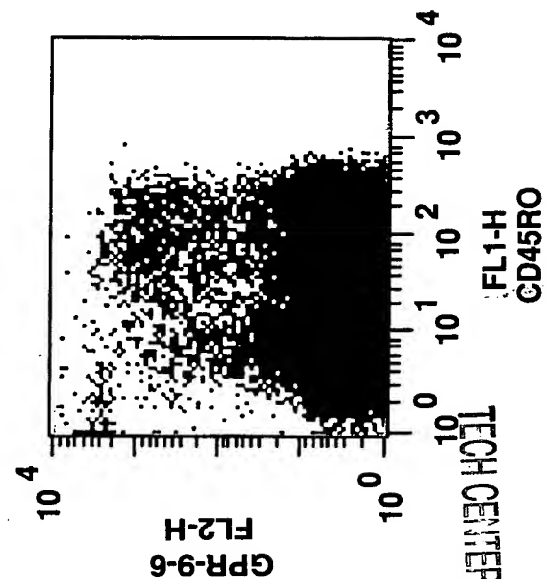
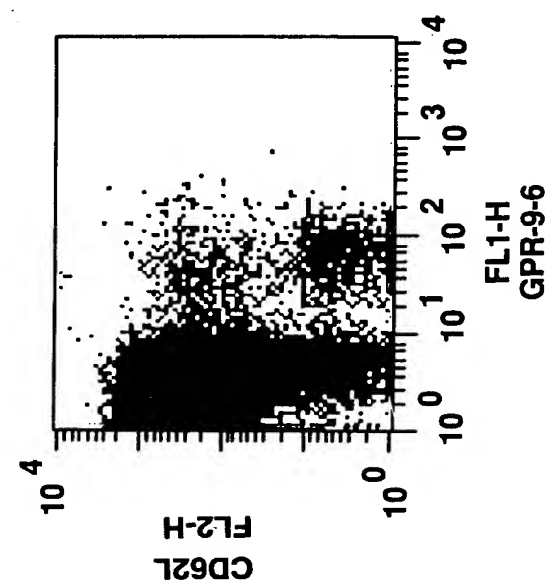


FIG. 6F



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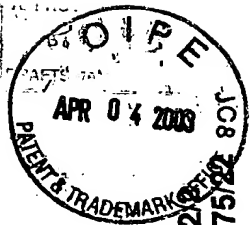


FIG. 7A

3/03  
94/3

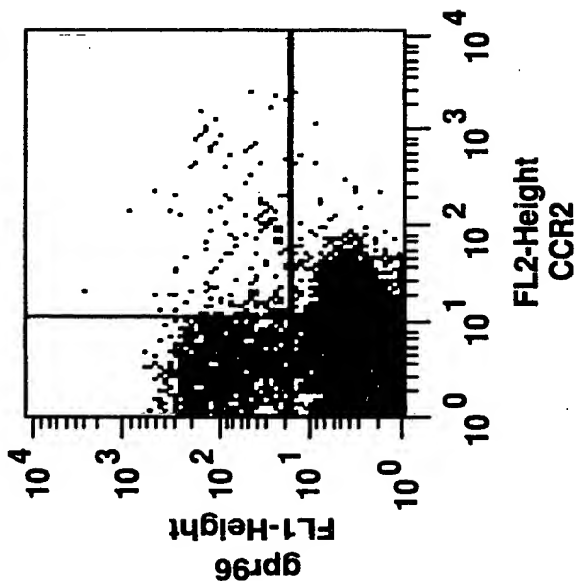


FIG. 7B

3/1  
85/11

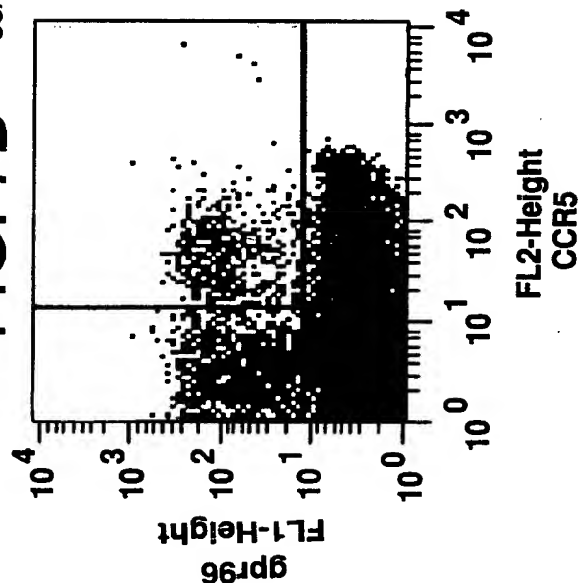


FIG. 7C

2/03  
75/22 807

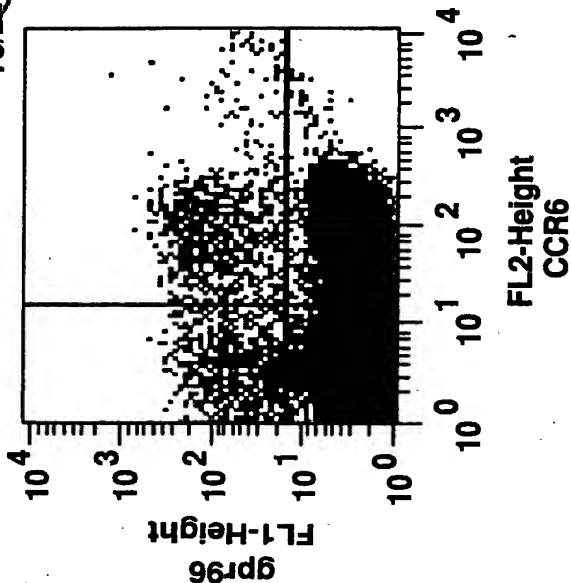


FIG. 7D

2/1  
84/12

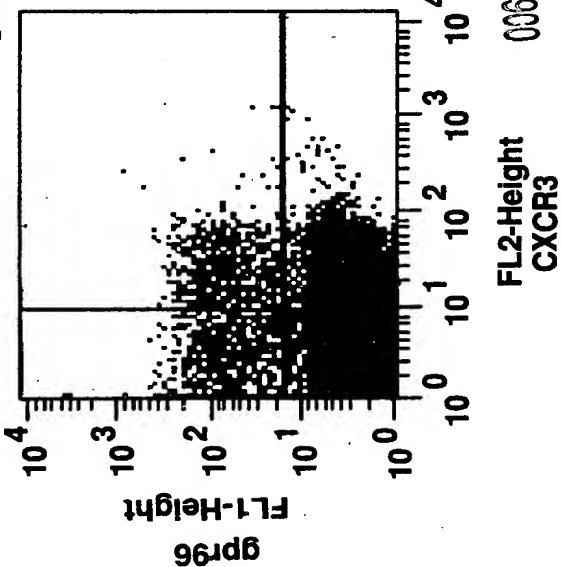


FIG. 7E

0.1/4  
0.3/96

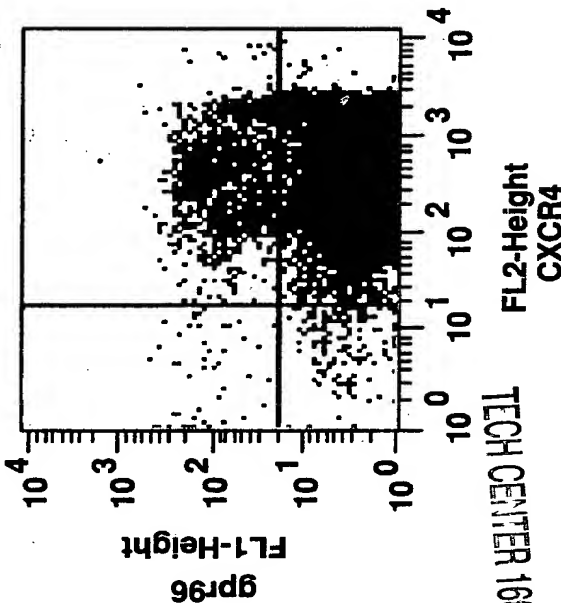
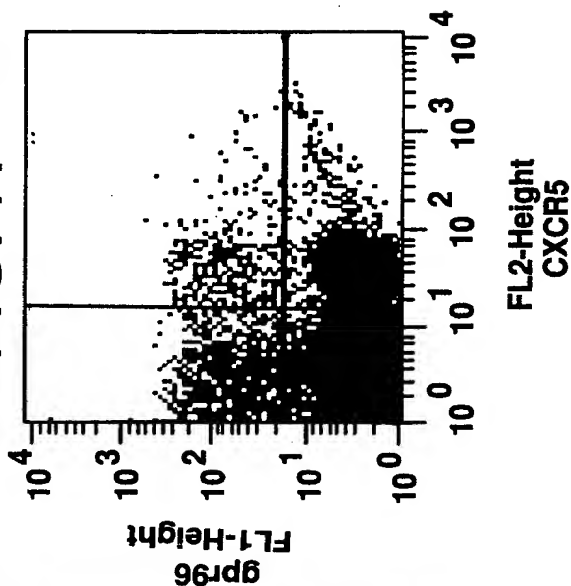


FIG. 7F

2.6/1  
88/9



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FIG. 8A

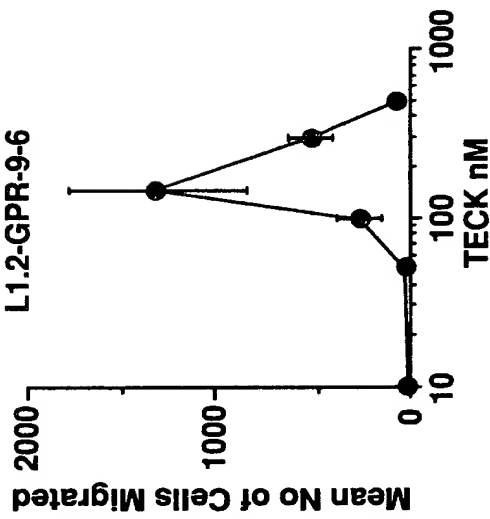


FIG. 8B

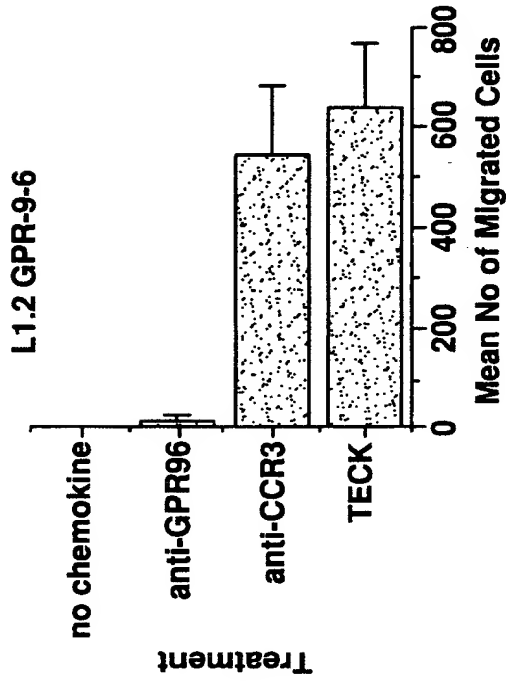


FIG. 8C

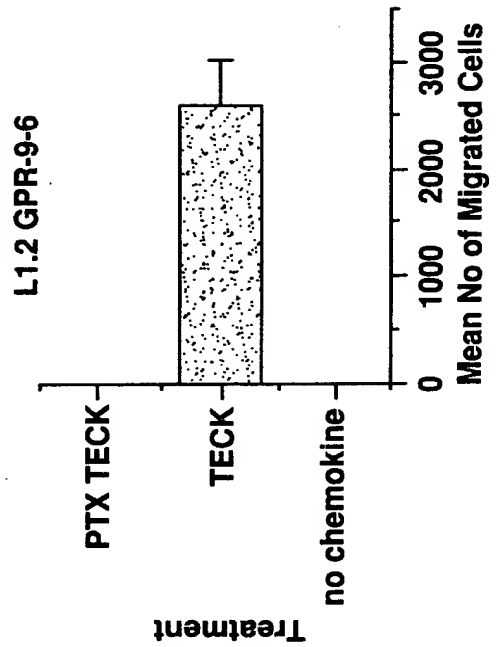
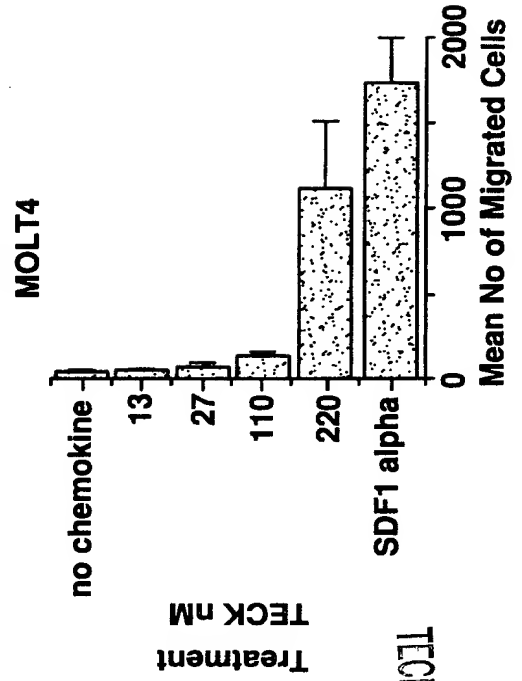


FIG. 8D



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FIG. 8F  
MOLT13

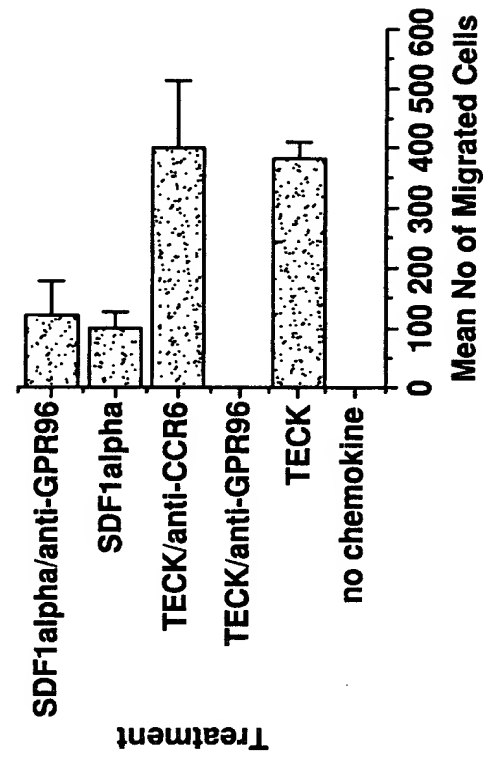
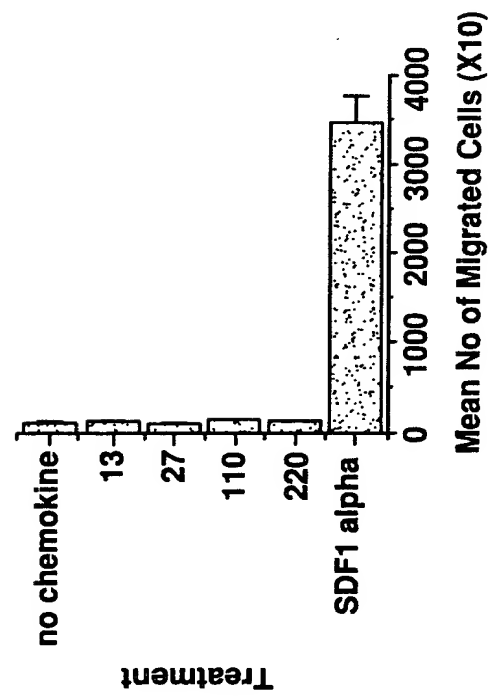


FIG. 8E  
SKW3



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FIG. 9A

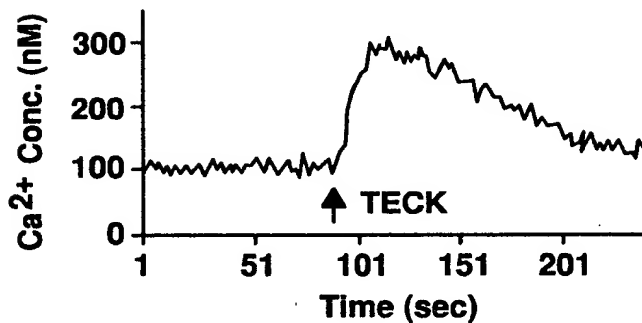


FIG. 9B

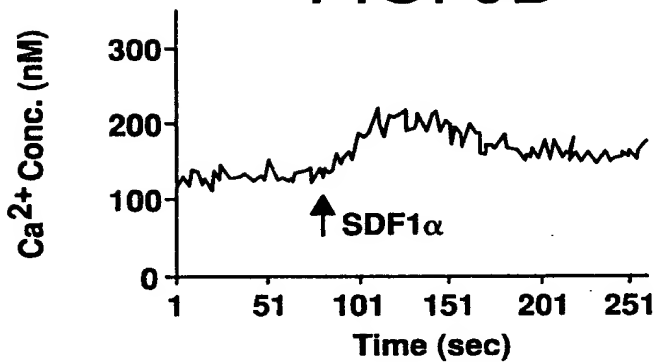
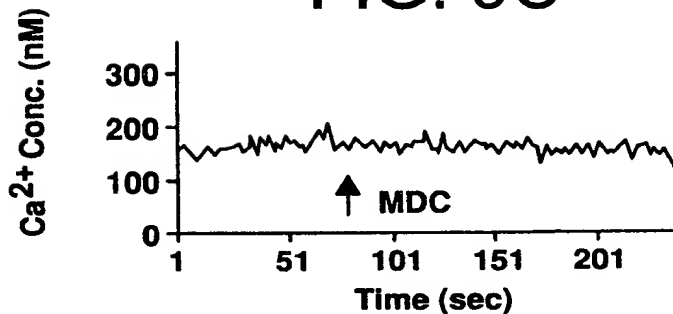


FIG. 9C



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FIG. 10B  
CD8 Lymphocytes

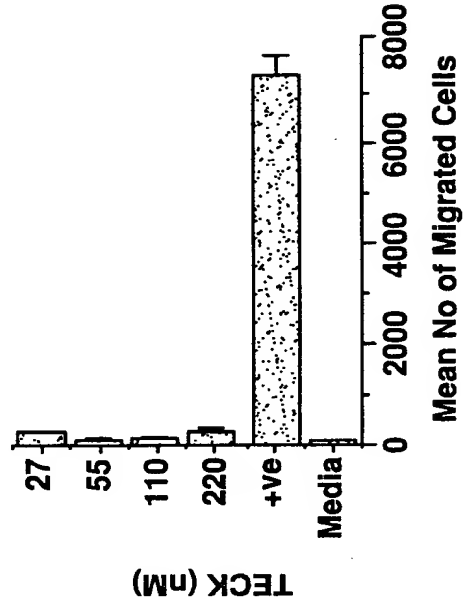
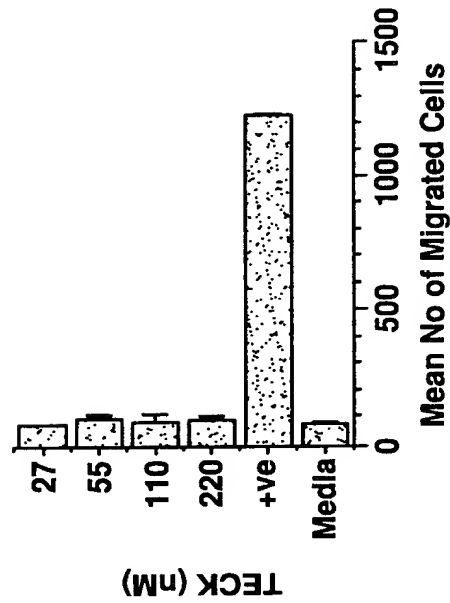


FIG. 10A  
Monocytes



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FIG. 10C

Eosinophils

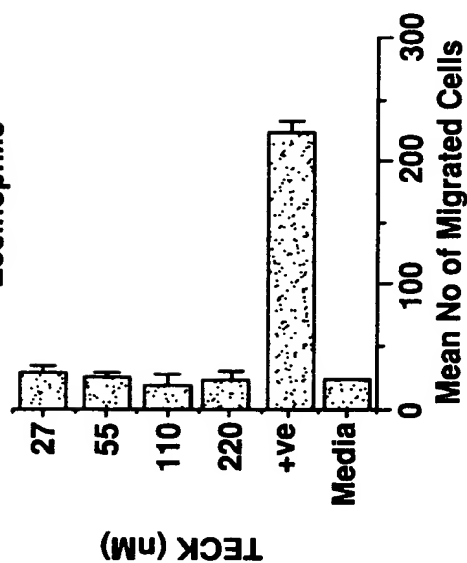


FIG. 10D

NK Cells

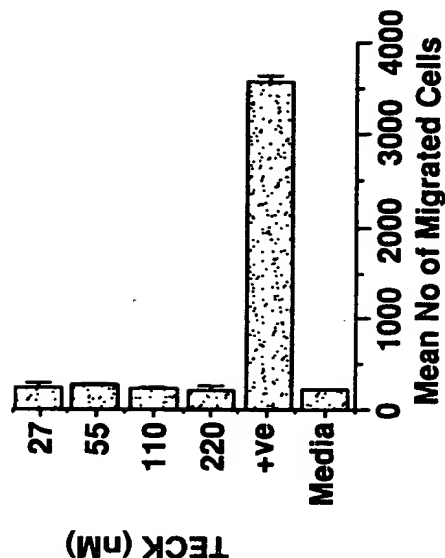


FIG. 10E

Neutrophils

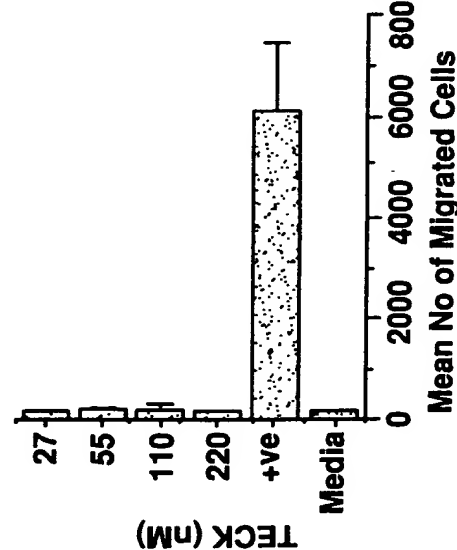
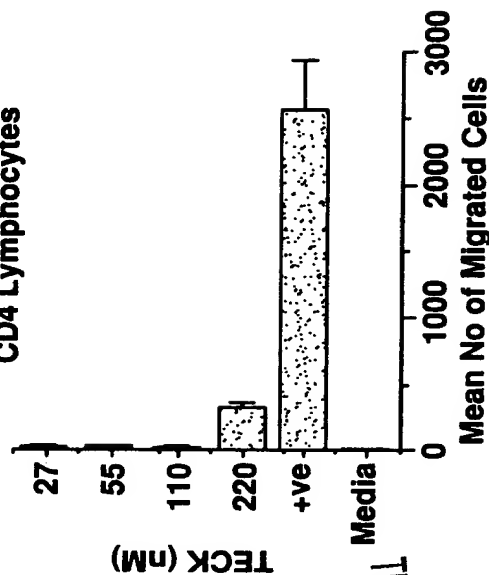


FIG. 10F

CD4 Lymphocytes



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FIG. 11A

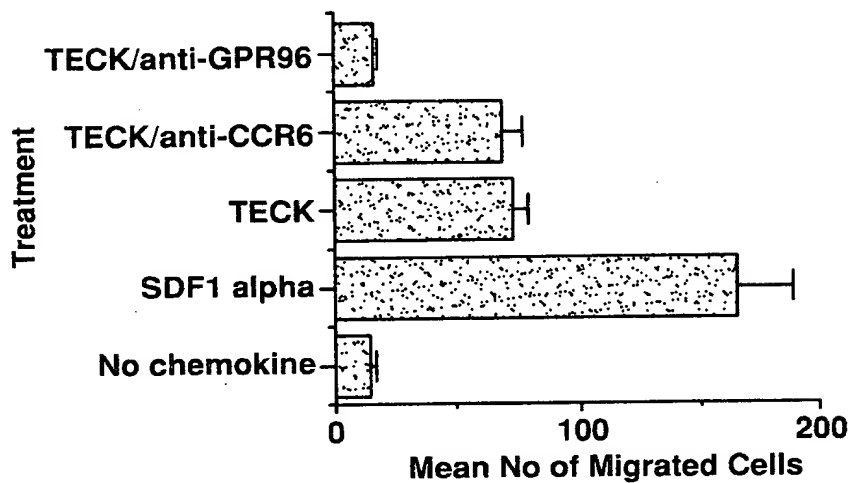


FIG. 11B

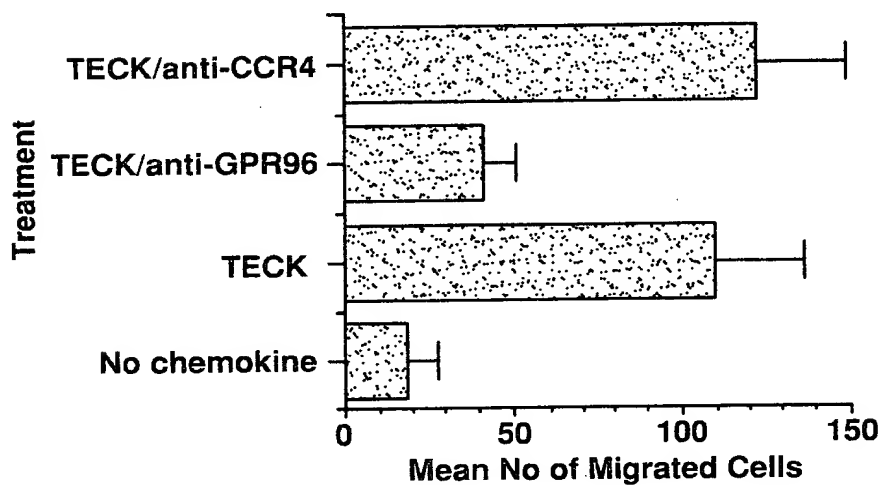


FIG. 11C

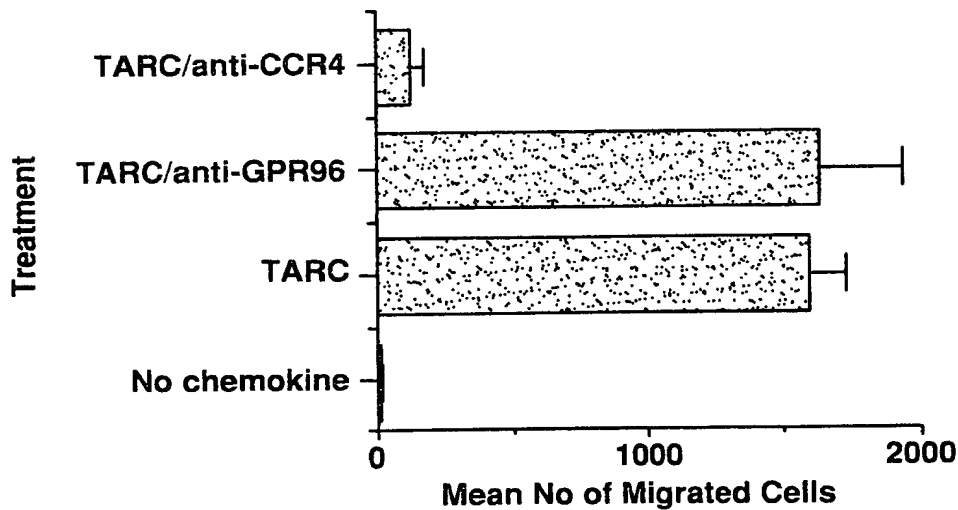
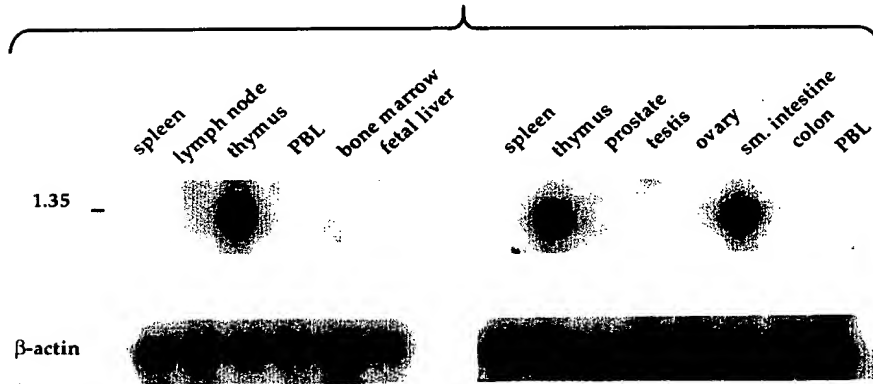




FIG. 12A



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FIG. 12B

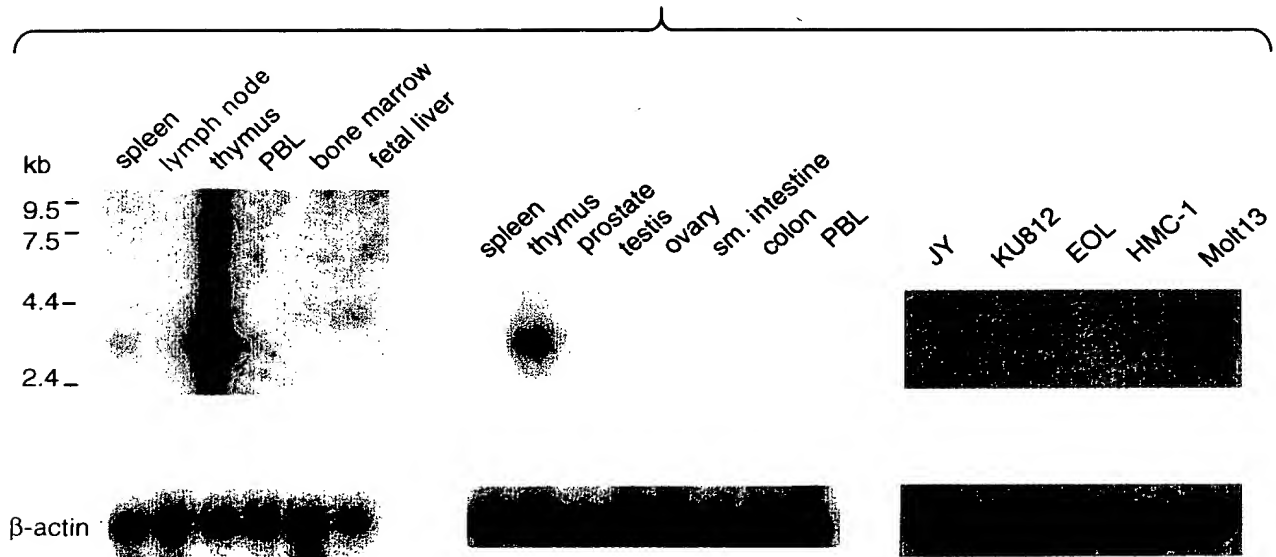
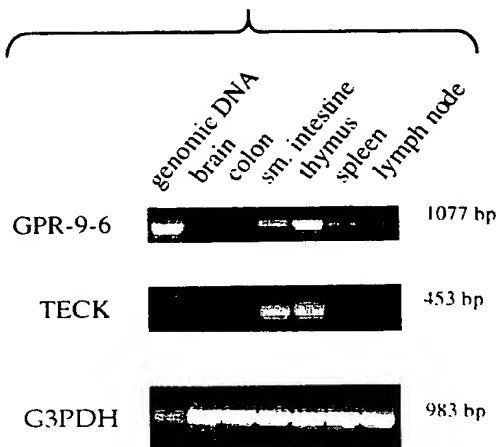


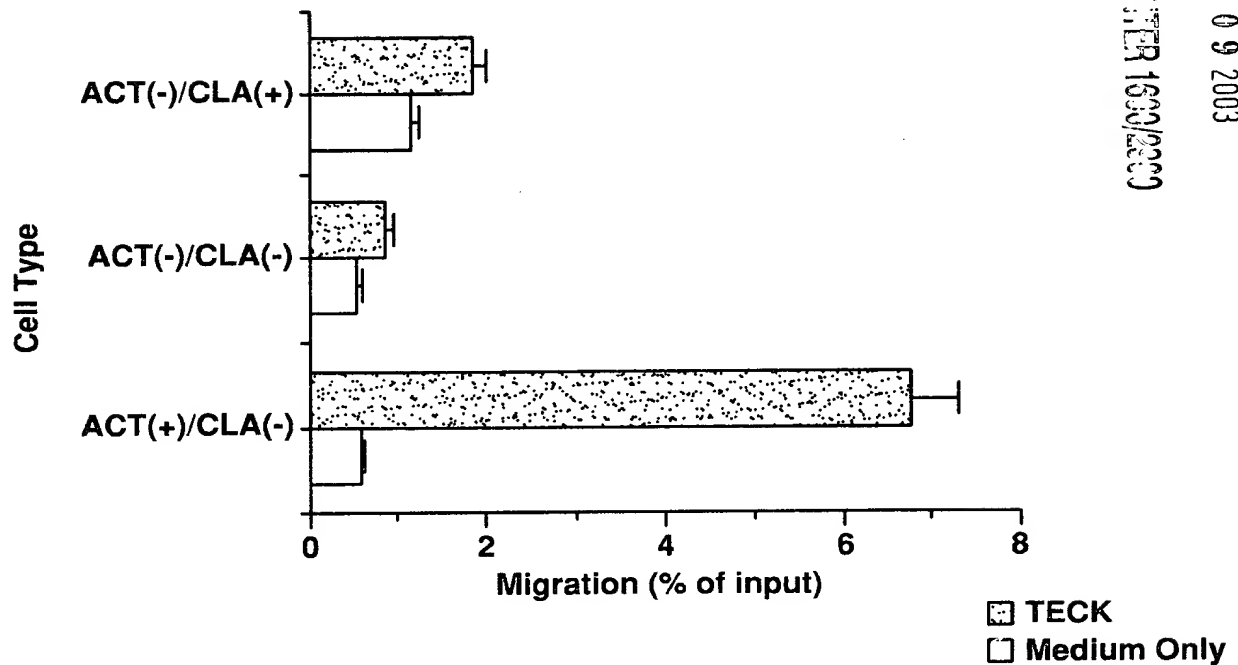
FIG. 12C





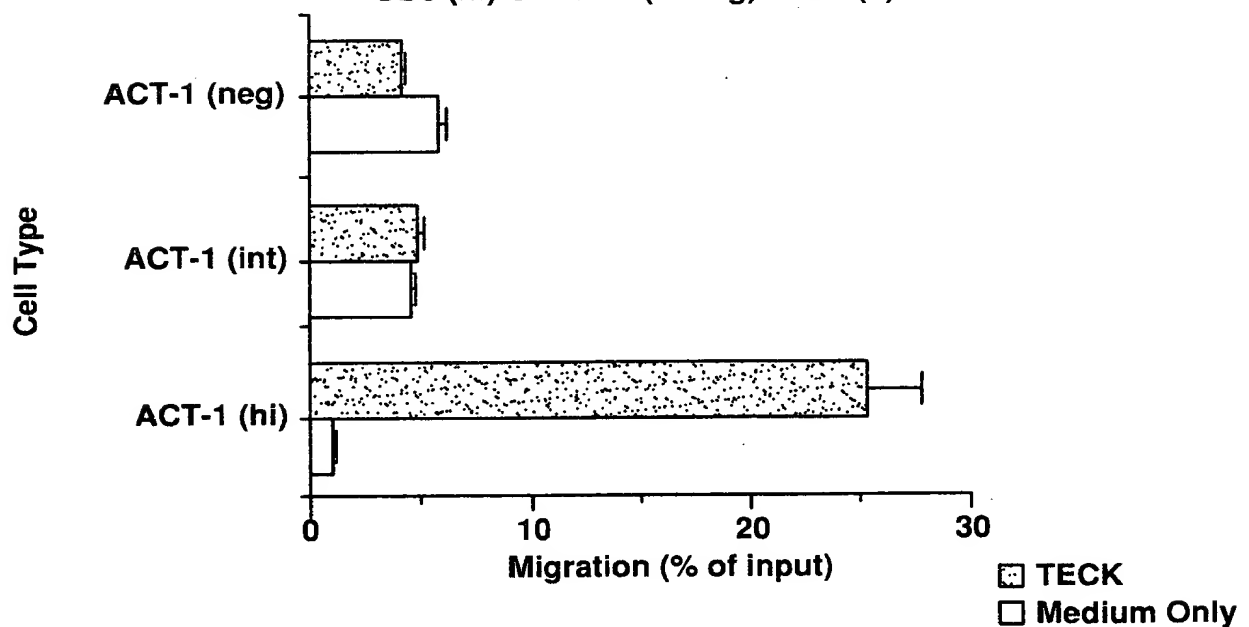
**FIG. 13A**

Memory CD4 T cells  
CD4 (+) CD45RA (-)



**FIG. 13B**

Memory CD8 T cells  
CD8 (hi) CD45RA (lo/neg) CD27 (+)







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FIG. 14A

1 aatatatttcc ttgacctaat gccatcttgt gtcccccttg agagccctat tcctaacatg  
61 gctgatgact atggctctga atccacatct tccatggaag actacgttaa ctccaacttc  
121 actgacttct actgtgagaa aaacaatgtc aggcagtttg cgagccatct cctcccaccc  
181 ttgtactggc tcgtgttcat cgtgggtgcc ttgggcaaca gtcttggtat ccttgtctac  
241 tggtagtgca caagagtga gaccatgacc gacatgttcc ttttgaattt ggcaattgct  
301 gacctcctct ttcttgtcac tcttcccttc tgggccattg ctgctgctga ccagtggaa  
361 ttccagacct tcatgtgcaa ggtgtcaac agcatgtaca agatgaactt ctacagctgt  
421 gtgttgctga tcatgtgcat cagcgtggac aggtacattg ccattgcccc ggcacatgaga  
481 gcacatactt ggaggagaaa aaggcttttg tacagcaaaa tggtttgctt taccatctgg  
541 gtattggcag ctgctctctg catcccagaa atcttataca gccaaatcaa ggaggaatcc  
601 gcatgtgcta tctgcacct ggtttacct agcgatgaga gcaccaaact gaagtcagct  
661 gtcttgaccc tgaaggctcat tctggggttc tctcttccct tcgtggtcat ggcttgctgc  
721 tataccatca tcattcacac cctgatacaa gccaaagaat ctccaagca caaagcccta  
781 aaagtgacca tcaactgtct gaccgtcttt gtcttgcttc agtttcccta caactgcatt  
841 ttgttggtgc agaccattga cgcctatgcc atgttcatct ccaactgtgc cgtttccacc  
901 aacattgaca tctgcttcca ggtcacccag accatcgctt tcttccacag ttgcctgaac  
961 cctgttctct atgtttttgt gggtagagaga ttccgcccgg atctcgtga aacctgaag  
1021 aacttgggtt gcatacgaca gccccagtgg gtttcattta caaggagaga gggaagcttg  
1081 aagctgtcgt ctatgttgtt ggagacaacc tcaggagcac tctccctctg aggggtcttc  
1141 tctgaggtgc atggttcttt tggaaagaaat gagaaataca tgaacacagt tccccactga  
1201 tgggaccaga gagagtgaag gagaaaagaa aactcagaaa gggatgaatc tgaactatat  
1261 gattacttgt agtcagaatt tgccaaaagca aatatttcaa aatcaactga ctagtgcagg  
1321 aggcctgttg ttggctcttg actgtgatgc ccgcaattct caaaggagga ctaaggaccg  
1381 gcaactgtga gcacctggc tttgccactc gccggagcat caatgccgct gcctctggag  
1441 gagcccttgg attttctcca tgcactgtga acttctgttg cttcagttct catgctgcct  
1501 cttccaaaag gggacacaga agcactggct gctgctacag accgcaaaag cagaaagt  
1561 cgtgaaaatg tccatctttg gaaaatttcc taccctgctc ttgagcctga taacccatgc  
1621 caggctctat agattcctga tctagaacct ttccaggcaa tctcagacct aatttccttc  
1681 gtctctcctt gttctgttct gggccagtga aggtccttgt tctgattttg aaacgatctg  
1741 caggtcttgc cagtgaaccc ctggacaact gaccacaccc acaaggcatc caaagtctgt  
1801 tggcttccaa tccatttctg tgtcctgctg gaggttttaa cctagacaag gattccgctt



Application No.: 09/522,752  
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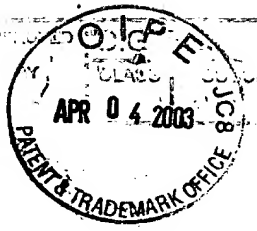
## FIG. 14B

1861 attccttgggt atggtgacag tgtctctcca tggcctgagc agggagatta taacagctgg  
1921 gttcgcagga gccagccttg gccctgttgt agccttgctt tggtgagtg cacttgcttt  
1981 ggggccaccg tctgtctgct cctagaaaaa tgggctgggt cttttggccc tcttctttct  
2041 gaggcccaact ttattctgag gaatacagtg agcagatatg ggcagcagcc aggtaggcca  
2101 aagggtgaa ggcagggcct tgctggaagg ctatttactt ccatgcttct ccttttctta  
2161 ctctatagt gcaacatttt aaaagctttt aacttagaga ttaggctgaa aaaaataaagt  
2221 aatggaattc accttgcat cttttgtgtc ttctttatca tgatttgga aaatgcatca  
2281 cctttgaaaa tatttcacat attggaaaag tgctttttaa tgtgtatatg aagcattaat  
2341 tacttgtcac ttcttttacc ctgtctcaat attttaagt tgatgcaatta aagatcaaat  
2401 agatacatta agagtgtgaa ggctgggtctg aaggtagtga gctatctcaa tcggattgtt  
2461 cacactcagt tacagattga actccttggt ctacttccct gcttctctct actgcaattg  
2521 actagtcttt aaaaaaaagt gtgaagagta agcaataggg ataaggaaat aagatct

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## FIG. 15

MADDYGSESTSSMEDYVNFNFTDFYCEKNNVRQFASHFLPPLYW  
LVFIVGALGNSLVILVYWYCTRVKTM TDMFLLNLAIADLLFLVTL PFWAIAAADQWKF  
QTFMCKVVNSMYKMNFYSCVLLIMCISVDRIYIAIAQAMRAHTWREKRLLYSKMVCFTI  
WVLAAALCIPEILYSQIKEESGIAICTMVYPSDESTKLKSAVLT LKVI LGFFLPFVVM  
ACCYTIIHTLIQAKSSKHKALKVTITVLT V FVLSQFPYNCILLVQTIDAYAMFISN  
CAVSTNIDICFQVTQTIAFFHSCLNPVLYV FVGERFRDLVKTLKNLGCISQAQWVSF  
TRREGSLKLSSMLLETTSGALSL



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FIG. 16A

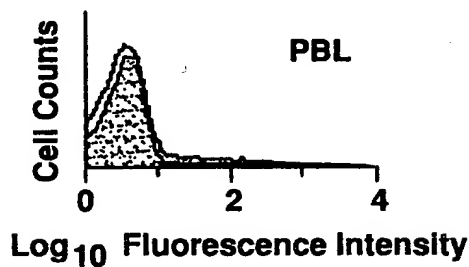


FIG. 16B

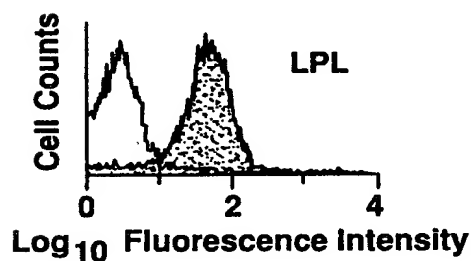
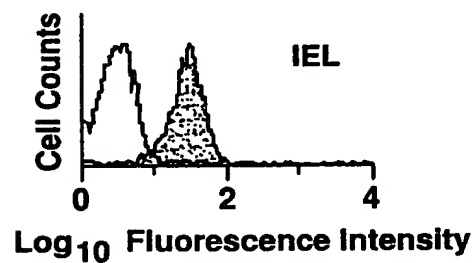


FIG. 16C





Application No.: 09/522,752  
Title: Anti-GPR-9-6 Antibodies and Methods...  
Inventors: David P. Andrew *et al.*

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FIG. 17B

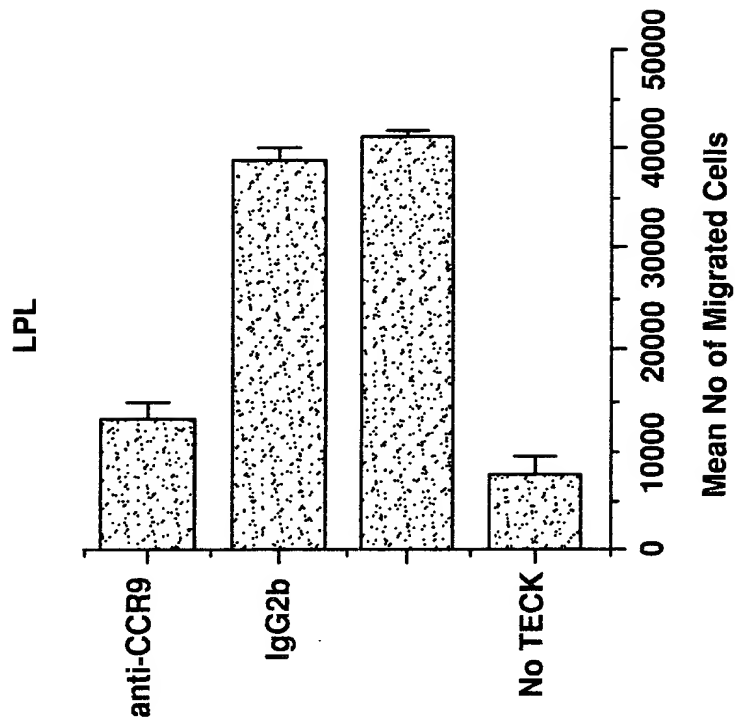
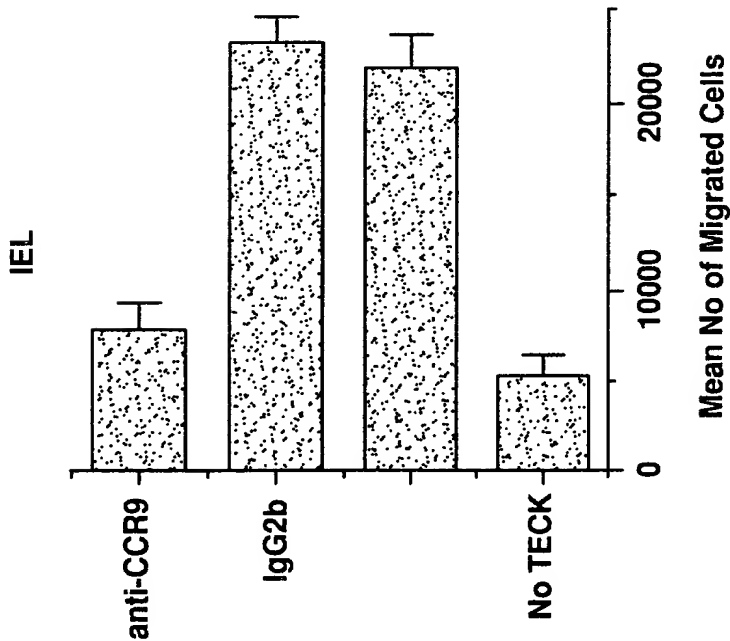


FIG. 17A



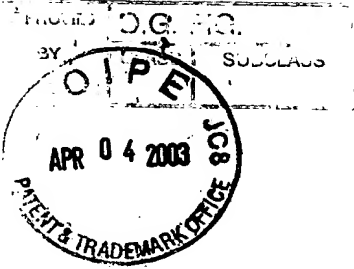
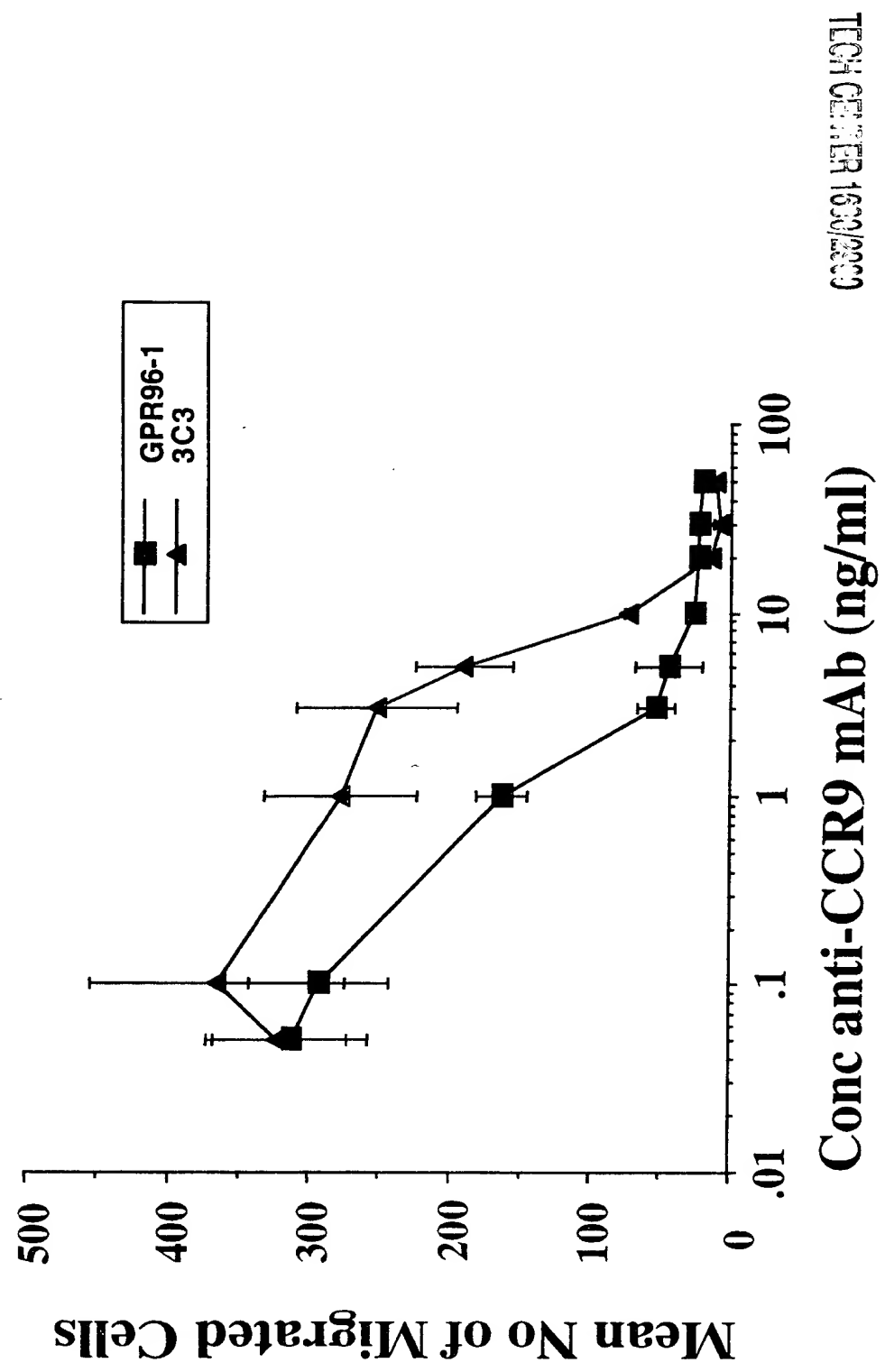


FIG. 18



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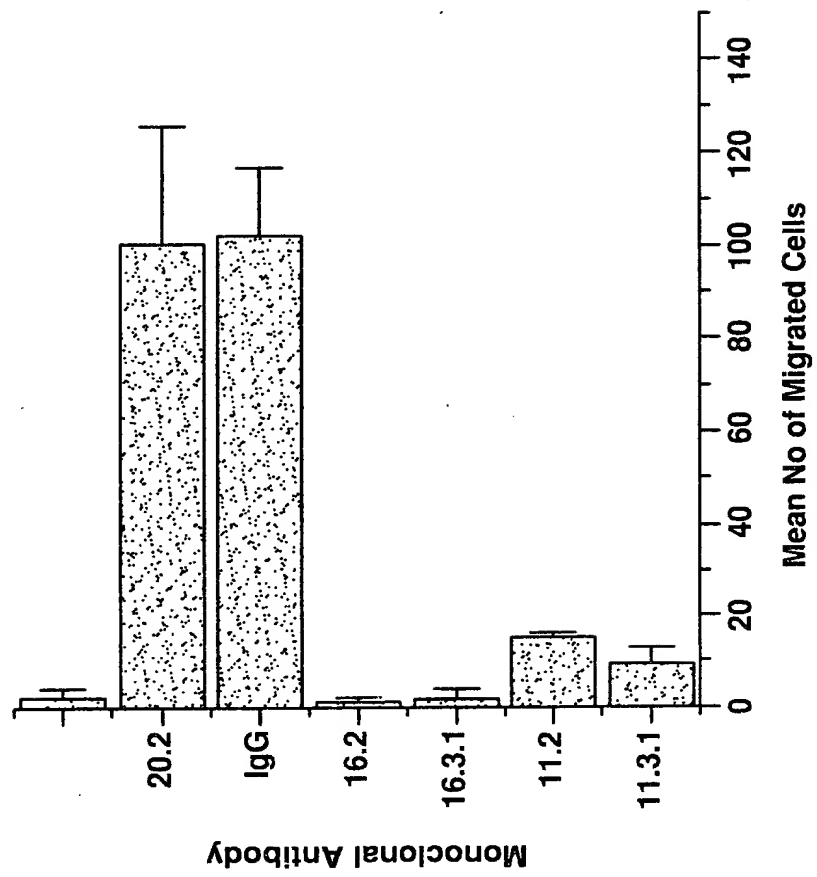


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Title: Anti-GPR-9-6 Antibodies and Methods...  
Inventors: David P. Andrew *et al.*

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FIG. 19





## FIG. 20

1 atgaacctgt ggctcctggc ctgcctggtg gccggcttcc tgggagcctg ggcccccgct  
61 gtccacaccc aaggtgtctt tgaggactgc tgcttggcct accactaccc cattgggtgg  
121 gctgtgctcc ggcgcgcctg gacttaccgg atccaggagg tgagcgggag ctgcaatctg  
181 cctgctgcga tattctacct cccaagaga cacaggaagg tgtgtgggaa ccccaaaagc  
241 agggagggtg agagagccat gaagctcctg gatgctcgaa ataaggtttt tgcaaaagctc  
301 caccacaaca ygcagacctt ccaagcaggc cctcatgctg taaagaagtt gagttctgga  
361 aactccaagt tatcatcatc caagtttagc aatcccatca gcagcagcaa gaggaatgtc  
421 tccctcctga tatcagctaa ttcaggactg tgagccggct catcttctgg ctccatcggc  
481 acaggagggg cgggatcttt ctccgataaa accgtcgccc tacagaccca gctgtcccca  
541 cgctctgtgc ttttgggtca agtcttaatc cctgcacctg agttggctct cctctctgcac  
601 cccaccacc tctgcccgt ctggcaactg gaaagaagga gttggcctga ttttaacctt  
661 ttgccgctcc ggggaacagc acaatcctgg gcagccagt gctctttag agaaaaactta  
721 ggataacctt ctcaatttct gtttcttgcc gtccaccccc gcccatgcca gtgtgtcctc  
781 tgggtccctt ccaaaaaatc ggtcattcaa ggatccctc ccaaggctat gcttttctat  
841 aactttttaa taaaccttgg ggggtgaatg gaataaaa

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Application No.: 09/522,752

Title: Anti-GPR-9-6 Antibodies and Methods...

Inventors: David P. Andrew *et al.*



## FIG. 21

1 mnlwllaclv agflgawapa vhtqgvfedc clayhypigw avlrrawtyr iqvsgscnl  
61 paaifylpkr hrkvcgnpks revqramkll darnkvfakl hhnXqtfqag phavkklssg  
121 nsklssskfs npissskrnv sllisansgl

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## FIG. 22

1 atgaacctgt ggctcctggc ctgcctggtg gccggcttcc tgggagcctg ggcccccgct  
61 gtccacaccc aaggtgtctt tgaggactgc tgcctggcct accactaccc cattgggtgg  
121 gctgtgctcc ggcgcgcctg gacttaccgg atccaggagg tgagcgggag ctgcaatctg  
181 cctgctgcga tattctacct ccccaagaga cacaggaaagg tgtgtgggaa ccccaaaagc  
241 agggagggtgc agagagccat gaagctcctg gatgctgaa ataaggtttt tgcaaaagctc  
301 caccacaaca ygcagacctt ccaaggccct catgctgtaa agaagttgag ttctggaaac  
361 tccaagttat catcatccaa gtttagcaat cccatcagca gcagcaagag gaatgtctcc  
421 ctccctgatat cagctaattc aggactgtga gccggctcat ttctgggctc catcggcaca  
481 ggagggggccg gatctttctc cgataaaacc gtgcgcctac agaccacagct gtccccacgc  
541 ctctgtcttt tgggtcaagt cttaatccct gcacctgagt tggctcctccc tctgcacccc  
601 caccacctcc tgcccgtctg gcaactggaa agaaggagtt ggccctgattt taaccttttg  
661 ccgctccggg gaacagcaca atcctgggca gccagtggct cttgtagaga aaacttagga  
721 tacctctctc actttctgtt tcttgccgtc caccctgggc catgccagtg tgtcctctgg  
781 gtcccctcca aaaatctggt cattcaagga tcccctccca aggctatgct tttctataac  
841 ttttaataaa accttggggg gtgaatggaa taataa

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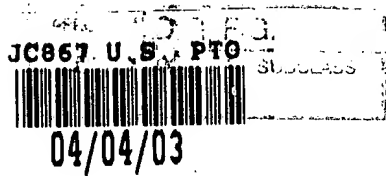


Application No.: 09/522,752  
Title: Anti-GPR-9-6 Antibodies and Methods...  
Inventors: David P. Andrew *et al.*

## FIG. 23

1 mnlwllacly agflgawapa vhtqgvfedc clayhypigw avlrrawtyr iqvsvsgcnl  
61 paaifylpkr hrkvcgnpks revqramkll darnkvfakl hhnXqtfggp havkklssgn  
121 sklssskfsn pissskrnvs llisansgl

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FIG. 24A

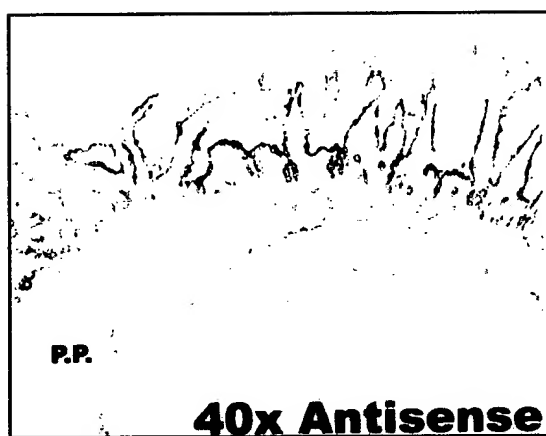


FIG. 24C

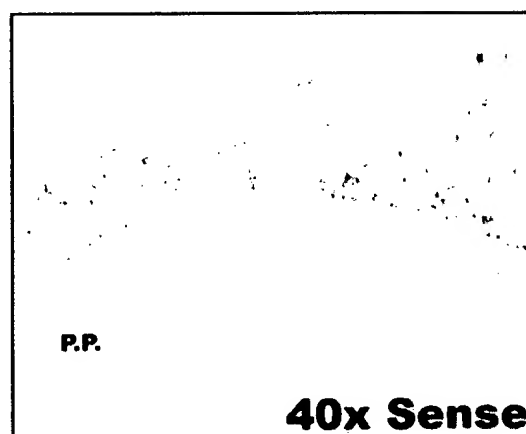


FIG. 24B

